SHANREN

USER MANUAL
Raptor V1.0
2.4G Digital Wireless System

Thank you for choosing Shanren products
We focus on developing intelligent professional cycling equipment

This manual includes instructions for the installation and use of the Shanren intelligent bicycle accessories as well as the warranty information. Please read this carefully and save it for future reference. If you do not understand the information in this manual or you have a question about our product that this manual does not cover, please contact us.

Contents

·Safety and general guidelines
·Accessories List
·Installation
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·How to use
·Specifications
·Warranty Card

General guidelines and warning

·Please read the safety instructions carefully and keep it for future reference.

·Be aware of all warnings and instruction signs marked on the products.

·In order to protect your eyes, do not look directly into any light.

·Keep out of the reach of children.

·Always keep the product away from moisture or getting wet.

·Take ample care to never drop the product.

·Always keep this product away from all kinds of heat sources.

·In order to avoid electric shock, do not use any kind of plug without it being earthed.

·Do not insert objects or pour liquid into this product through any apertures on bezels.

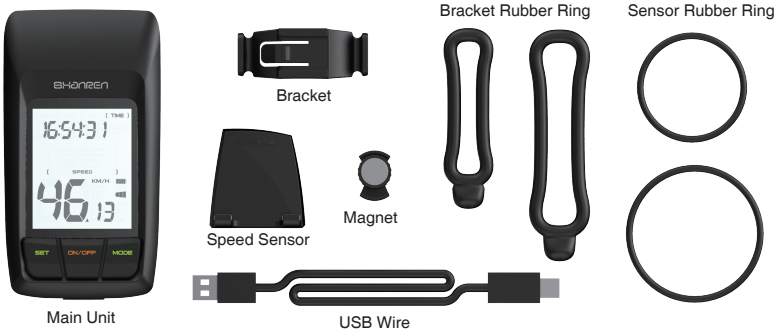
·Do not attempt to repair the product yourself or by any other unqualified person.

·Contact a dealer near you for service.

·Ware a helmet and reflective vest while riding. Always comply to local laws and regulations.

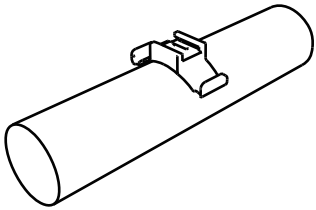
·As a precaution, always inform others of your intended whereabouts before setting out.

Accessories list

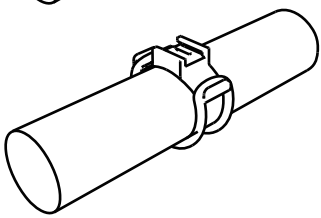


1. Main Unit(Raptor)
2. Bracket
3. USB Wire
4. Speed Sensor
5. Magnet
6. Sensor Rubber Ring
7. Bracket Rubber Ring

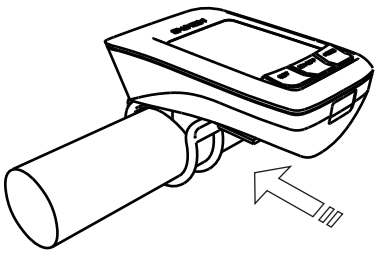
Installation



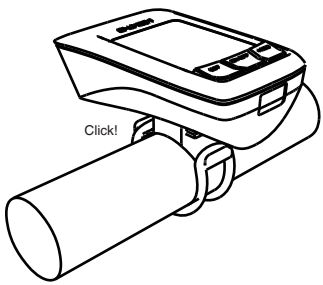
1.Position the bracket to the handlebar on either side of the stem



2.Fit the bracket on handlebar with rubber ring

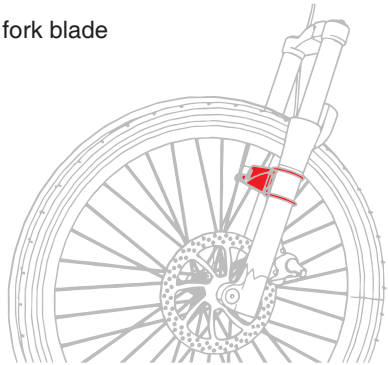


3.Aim the main unit toward the base

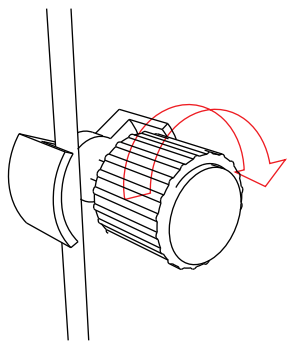


4.Slide the main unit into the bracket until it snaps up

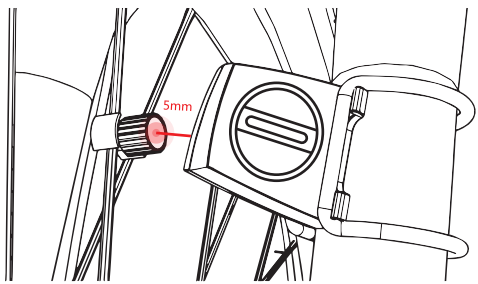
5.Mount the wheel sensor on the fork blade



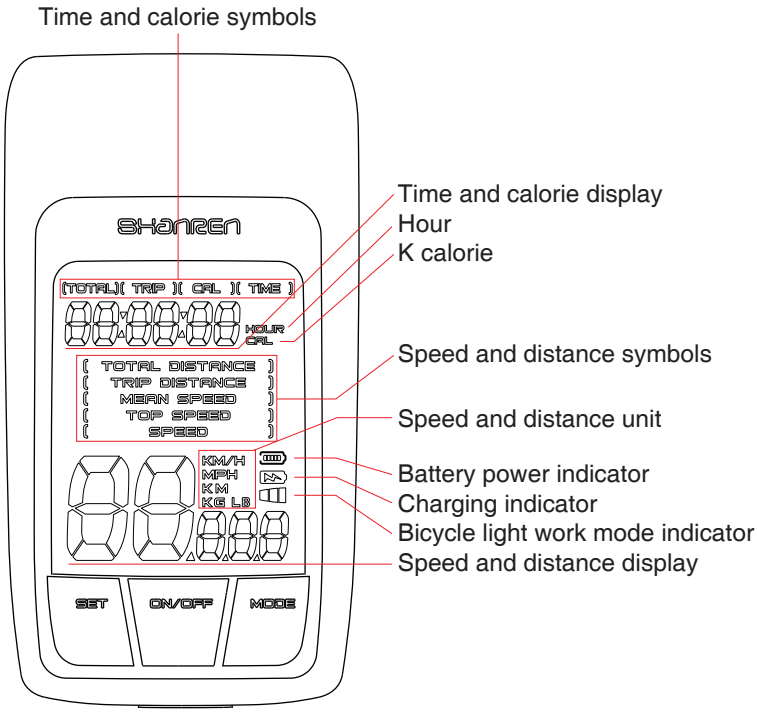
6.Remove the magnet and install on the spoke, facing the 'sensor' mark.



7.Adjust the magnet until it is 3-5mm from the sensor, then tighten it.



Screen illustrations



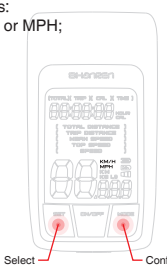
Initialization/Reset

Press and hold the “MODE” and “SET” buttons for more than 2 seconds to enter the initial setting

(1) Set wheel circumference:
Press SET to preset values.There are 4 presets for each wheel setting, press MODE to confirm.

ETRTO	Tire size	C(mm)	ETRTO	Tire size	C(mm)
47-305	16x1.90	1272	32-622	28x1.25, 700x32C	2170
47-406	20x1.75	1580	35-622	28x1.35, 700x35C	2185
37-540	24x1 3/8	1948	37-622	28x1.40, 700x35C	2200
47-507	24x1.75	1900	37-622	28x1.40, 700x37C	2200
37-584	26x1 3/8	2086	40-622	28x1.50, 700x38C	2220
37-590	26x1 3/8	2100	42-622	28x1.60, 700x40C	2230
40-559	26x1.50	2030	47-622	28x1.75	2250
42-559	26x1.60	2025	50-622	29x2.00	2280
47-559	26x1.75	2050	54-622	29x2.10	2295
50-559	26x2.00	2075	57-622	29x2.25	2288
54-559	26x2.10	2100	60-622	29x2.35	2330
57-559	26x2.25	2120	23-571	650x23C	1973
57-584	27 1/2x2.25	2128	18-622	700x18C	2102
28-630	27x1 1/4	2174	20-622	700x20C	2100
32-630	27x1 1/4	2220	23-622	700x23C	2125
40-635	28x1 1/2	2265	25-622	700x25C	2135
			28-622	700x28C	2150

(2) Select kilometers/miles:
Press SET and select KM/H or MPH; press MODE to confirm.

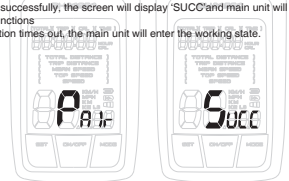


(3) Set body weight:
Press SET to set weight, press MODE to confirm.

*Choose KM/H the body weight unit is KG, select MPH the body weight unit is LB.

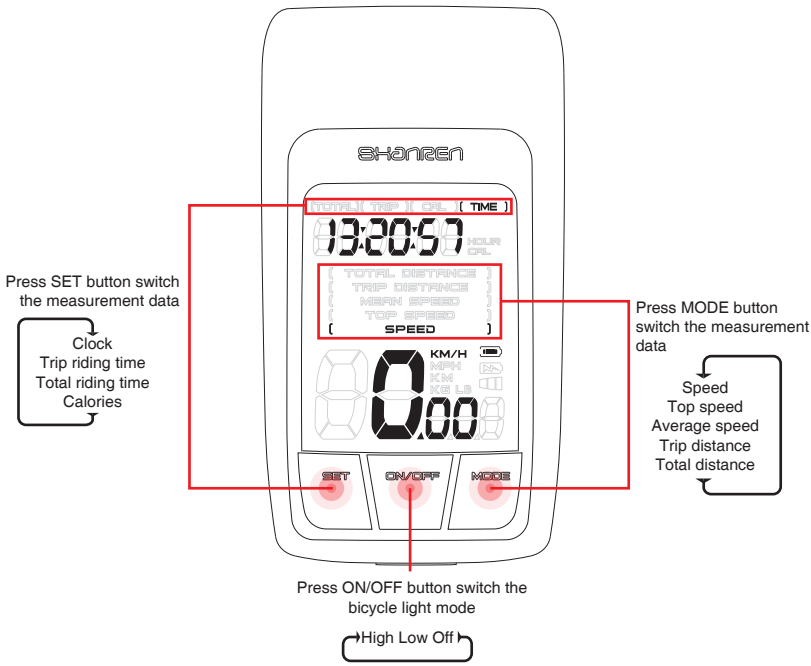
(4) Set clock:
Press SET to set the time, press MODE to confirm.

(5) Searching for speed sensor:
The sensor was synchronized with this unit before shipment, search the sensor ID only when a sensor is used or after sensor battery (CR2032) replacement.
Press MODE button to complete setting, the main unit start to work.
The screen will display ‘Pair’ when the main unit is waiting for the speed sensor signal.
① If it connects successfully, the screen will display ‘SUCC’and main unit will start performing its functions
② If the connection times out, the main unit will enter the working state.



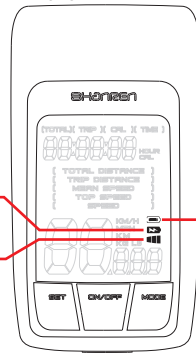
How to use

Press and hold the ON/OFF button for more than 3 second to start.
The screen flashes the following data when main unit is in motion:
(1) [SPEED] Current speed is updated on every second
(2) Five stages battery indicator.
(3) Charging indicator : Indicates when charging status
(4) Bike light work mode indicator.
(5) [TIME] Clock time is displayed as 'hh:mm:ss' 24 hours format.



*
1.When main unit display [TRIP], press SET button more than 2 seconds, trip riding time,trip distance and average speed data are cleared at the same time.
2.When main unit display [CAL] , press SET button more than 2 seconds, calories data is cleared.
3.When main unit display [TRIP DISTANCE], press MODE button more than 2 seconds, trip distance data, trip riding time, average speed are cleared at the same time.
4.When main unit display [TOP SPEED] , press MODE button more than 2 seconds, top speed data is cleared.

Bike light work mode / battery / charging status



Charging status

Main unit can be charged by 5V
1A power adapter or power bank.

Bike light work mode

High

Low

Battery status

Battery capacity ≥ 90%

90%> Battery capacity ≥ 70%

70%> Battery capacity ≥ 50%

50%> Battery capacity ≥ 30%

30%> Battery capacity ≥ 10%

Battery capacity <10%

If battery capacity<10%, icon flashes, please recharge main unit in time.

Power saving mode

Main unit will go into power saving mode ,clock and battery status are displayed,which has not received any signal from sensor for 240 seconds.
Press any key to restart.

Power on/off

Press ON/OFF button more than 3 seconds, main unit power off.
If main unit power off, press ON/OFF button more than 3 seconds,main unit restart.

Press and hold SET & MODE operation summary

(1)Press and hold SET & MODE in 2 seconds, turn on/off backlight.

Press and hold SET & MODE in 2 seconds

LCD screen display 'ON'
and backlight turns on constantly
Press and hold SET & MODE in 2 seconds

LCD screen display 'OFF'
and backlight turns off

(2)Press and hold SET & MODE more than 2 seconds,main unit enter initialization mode.
(3)Special note:Press and hold SET & MODE more than 8 seconds, system reset, main unit restore factory settings.

Auto data store

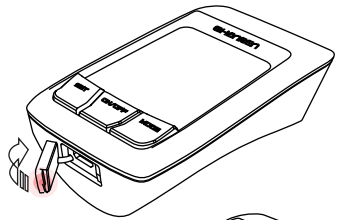
Raptor saves setting and riding data automatically,data will not be lost even when battery power is lost.

Auto lighting output decrease

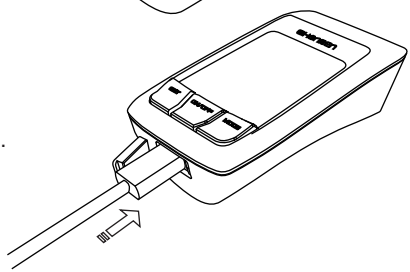
If battery capacity less than 10%, light output decreases automatically ,avoid danger of riding in darkness cause by light off suddenly.

Main unit charging

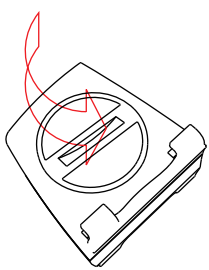
1.Open micro USB rubber pad.



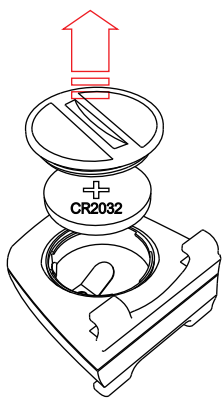
2.Connect main unit to 5V/1A power adapter or power bank with USB wire.



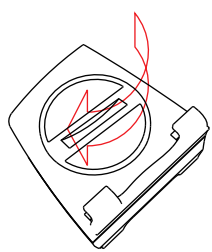
Sensor battery replacement



1.Open the battery case cover anticlockwise.



2.Replace a new lithium battery(CR2032) with (+) side facing upward.



3.Tighten the battery case cover clockwise.

Specifications

·Model Number: SR-BLC10
·Light source: Cree white LED*2
·Light output: 300lm
·Rechargeable Li-ion Battery: 2600mAh
·Work mode: High - Low - Off
·Bike light running time: 3 / 6 Hours
·Recharge time: about 4 Hours
·Current/Average/Maximum speed:0.00~99.99 km/h (0.00-62.13m/h)
·Trip/Total distance: 0.00~99999 km (0.00-62139m)
·Clock: 00:00:00~23:59:59 （24-hour system）
·Trip riding time: 00:00'~9999:59'
·Total riding time: 0~999999 Hours
·Calories: 0~999999 kcal
·Tire size: 100mm~3999mm (default 2095mm)
·Sensor battery: Lithium battery CR2032 x 1(Working time: About 12 months,if used for 1 hour/day)
·Charging Interface: Micro USB
·Working temperature: 0℃~40℃（32°F~104°F）
·Backlight: Supported
·Bike computer with 2.4G wireless sensor
·Weight: 120g

Warranty Card

Limited warranty 1 Year main unit and speed sensor.
Accessories and battery consumption excluded.

Each product unit is warranted to be free of factory defects for 1 Year from original purchase.If the product fails to work through normal usage, we will repair or replace the defect at no charge. Service must be performed by an authorized Shanren dealer or an authorized Shanren retailer. To return the product, enclose its warranty card together with details about its dysfunction.Please type your name and address clearly on the warranty card.

Insurance and transportation charges shall be borne by the party requesting service.
Thanks for understanding!

User name:

Address:

Telephone:

Purchasing address:

Retail price:

Odd numbers:

Commodity name and specification:

Dealer name:

Purchasing date:

SHANREN

SHANREN, is an intelligent cycling accessory & outdoor sports brand, full of creative passion and vitality in approach. We have a diverse team, embracing scores of different cultures and viewpoints.

We have responsible attitude when it comes to R&D and manufacturing. Building the best product is integral to everything we do, from environmentally responsible manufacturing, to the active involvement with the communities we live in.

We all share a passion for discovery; innovation is who we are. We keep evolving towards a smarter, safer, greener, healthier and more enjoyable world.

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